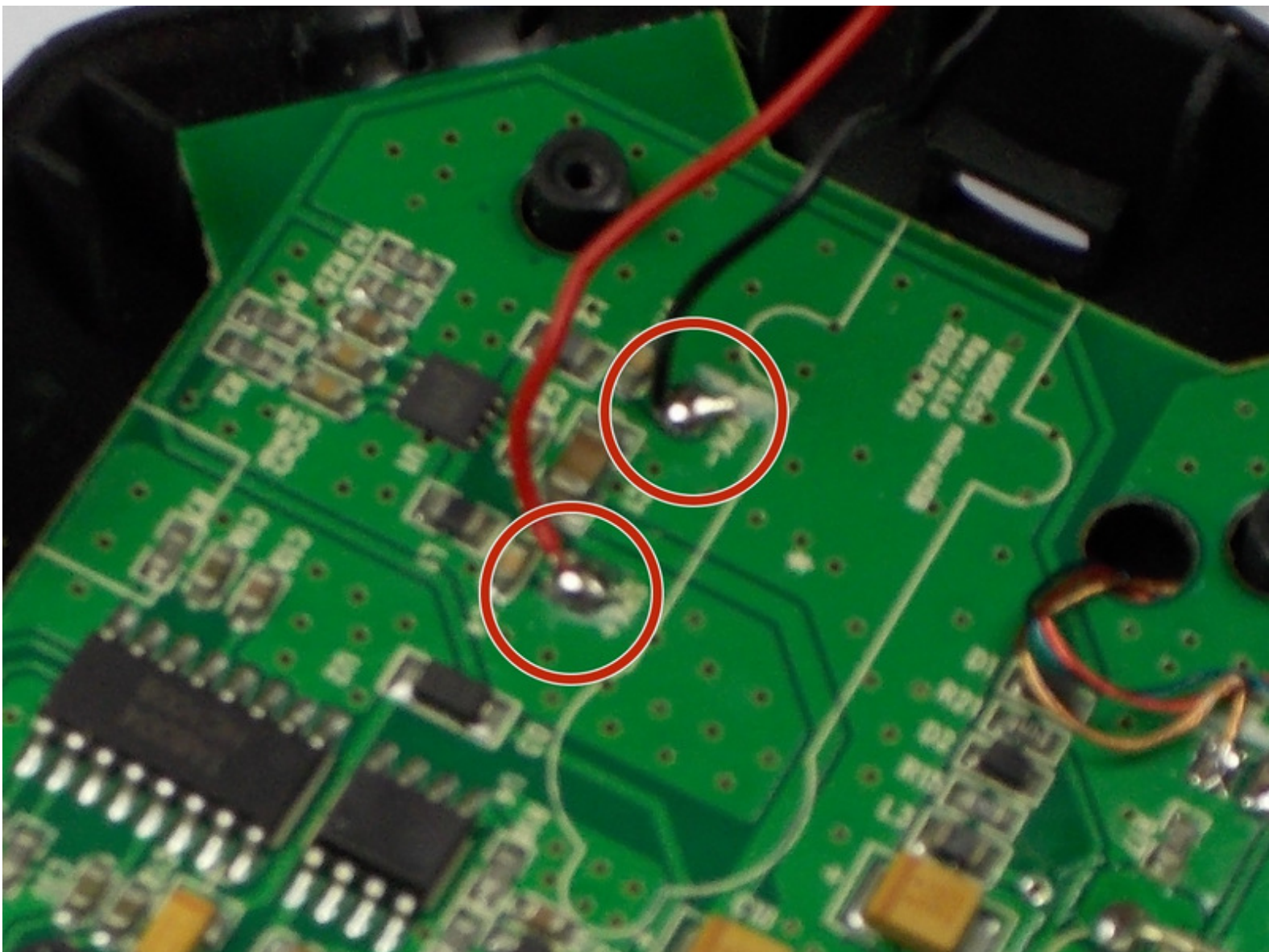




# Kinivo ZX100 Mini Portable Speaker Speaker Replacement

This guide consists of the steps required to remove the speaker component and replace it with a new speaker component. This procedure should be followed if your existing speaker does not work and your problem is not a connection problem.

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## INTRODUCTION

Be prepared with proper protective equipment such as gloves to prevent burns. Also be assured to have all recommended tools and supplies.

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### TOOLS:

- [Portable Soldering Iron](#) (1)
  - [Solder](#) (1)
  - [Replacement speaker](#) (1)
  - [safety glasses goggles or other eye protection](#) (1)
  - [heat resistant gloves](#) (1)
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## Step 1 — Disassembling Kinivo ZX100 Mini Portable Speaker Teardown



- **Resonator Removal:**
  - Open bass resonator.
  - Twist circular resonator until it reaches maximum height extension.

## Step 2



- **Screw Removal:**
  - Remove the four 1.2 cm screws at the base of the resonator using a Philips head screwdriver.




## Step 3



- **Base Separation:**

- Separate the resonator portion from the base of device to reveal the middle casing.
- Gently lift the middle layer to remove the black separator plate.

 **Caution:** excessive force may damage the black and red speaker wires and the function of your device.

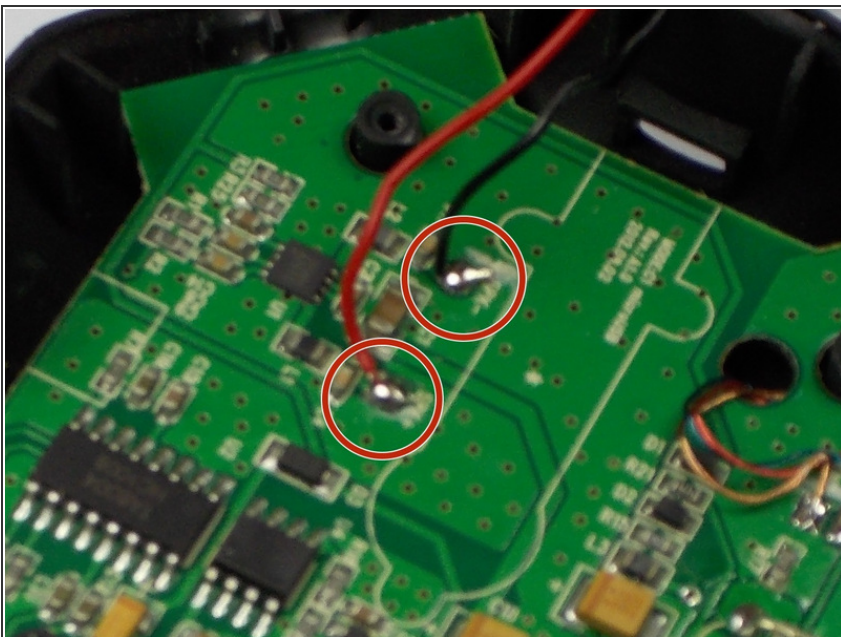
## Step 4



- **Circuit Board Removal:**

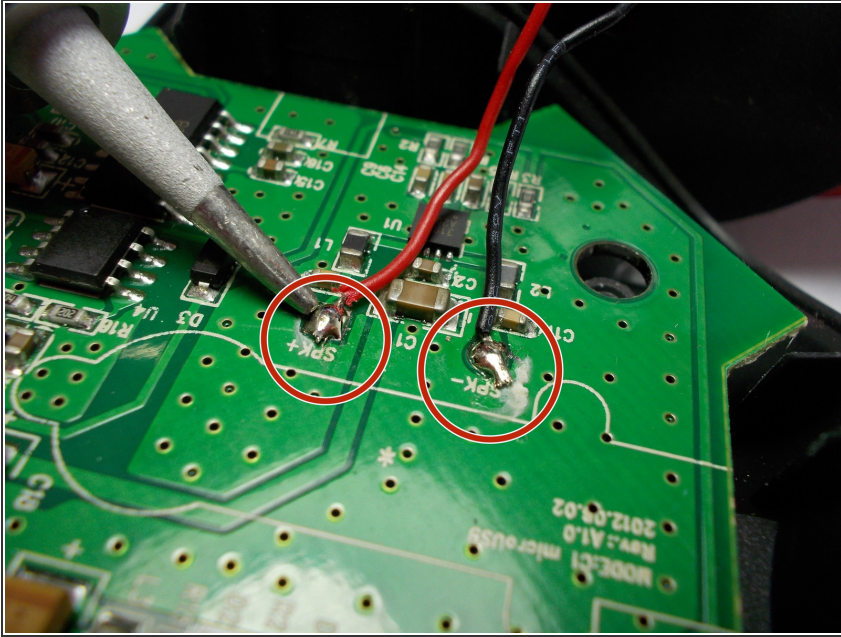
- Lift the black separator plate to reveal the circuit board.
- Remove the circuit board by lifting and sliding the board by the back end, opposite to the LED indicator, away from the LED indicator.

## Step 5 — Replacing the Speaker



- **Preparing to Remove the Speaker**
- Locate the black and red speaker wires on the top of the circuit board, labeled SPK+ and SPK- on the board

## Step 6




- Removing the Wires using a Soldering Iron
- Heat the soldering iron to operating temperature.
- ⚠ **Use caution as to not harm yourself when using the hot soldering iron.**
- Gently tug or pull on the wire, and touch the tip of the hot soldering iron to the shiny solder point on the circuit board.
- ⓘ **Be sure not to break the wire when tugging. Let the solder melt in order to remove the wire.**
- The wires should easily separate from the circuit board if the solder point is hot enough.
- Be sure to perform this task for both the black and red wires.
- ⓘ **NOTE: If the iron is not hot enough, you may encounter unsuccessful removal of the speaker wires. In order to correct this, let the soldering iron heat up completely, and try this step again.**

## Step 7



- Replacement of the Speaker

- Obtain a new bass resonator/speaker component from the manufacturer.
- Perform the steps in the reverse order to properly reassemble the device.

 Be sure to connect the black wire to SPK- and the red wire to SPK+ when soldering the wires on the circuit board of the device.

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To reassemble your device, follow these instructions in reverse order.

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